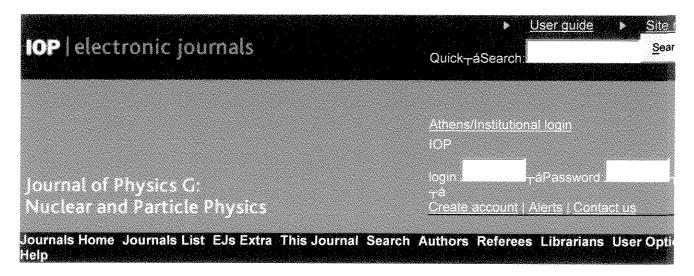
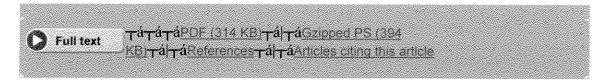
EXHIBIT "B"LHC Strangelet Search Article



CASTOR: A dedicated detector for the detection of centauros and strangelets at the LHC

Aris L S Angelis et al 1997 J. Phys. G: Nucl. Part. Phys. 23 2069-2080 + á doi: 10.1088/0954-3899/23/12/032+ á Heip



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Abstract. We present a specialized detector system, CASTOR, which, as an integral part of the ALICE experiment, will search for centauros and strangelets in central Pb+Pb collisions at the LHC. CASTOR will cover the very forward, baryon-rich pseudorapidity region $4.5 \le 1 \le 5.2$ and will consist of a charged particle multiplicity detector, a photon multiplicity detector and a calorimeter with electromagnetic and hadronic sections. The physics motivation is presented, along with simulation results and the detector design. The influence of the background on the identification of centauro-type events is discussed.

Print publication: Issue 12 (December 1997) Received 12 August 1997

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